

Patent Abstracts of Japan

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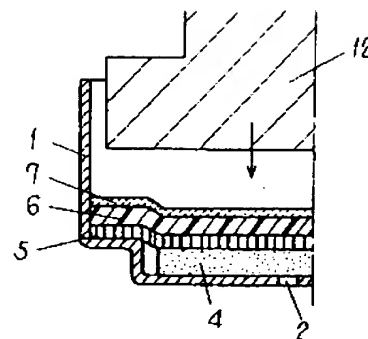
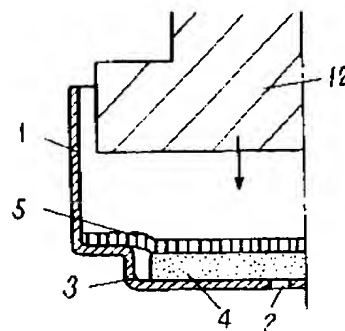
APPLICATION DATE : 03-02-83
APPLICATION NUMBER : 58016503

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : HAYAKAWA HAYASHI;

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TITLE : PRODUCTION PROCESS FOR
BUTTON-TYPE AIR CELL



ABSTRACT : PURPOSE: To obtain the captioned button-type air cell which is excellent in liquid leak-proof property and stable in discharging performance, by pressing a water-repellent film and a positive electrode catalyst layer by means of an elastic pressure jig, and then tightly sticking together the positive electrode layer, the water-repellent film and an air diffusion paper.

CONSTITUTION: A porous diffusion paper 4 with the thickness of 0.1~0.2mm whose principal ingredient is cellulose, is placed on the recessed part 3 of a positive electrode case 1 having an air feeding hole 2. Next, a water-repellent film 5 whose diameter is approximately as large as the inside diameter of the positive electrode case 1 is placed thereon. After the air diffusion paper 4 and the water-repellent film 5 are inserted into the positive electrode case 1, they are pressed in the direction of an arrow by means of a pressure jig 12 whose diameter is smaller than the inner diameter of case 1. By pressing the water-repellent film 5 in said case 1 by means of the elastic pressure jig 12, said film 5 is deformed in compliance with the configuration of the bottom of said case 1 and is closely stuck to the inside peripheral part of said case 1 and the air diffusion paper 4, so the gap is not generated therebetween.

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